

**CONTROL VALVE FOR  
FUEL INJECTOR AND METHOD OF USE**

**ABSTRACT OF THE DISCLOSURE**

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A control a control for an injector includes an energizing device actuated by a fluid pressure during an injection event to provide a monitoring voltage. The control unit is used with an injector and is capable of monitoring the variables of the injector such as opening and closing times of the spool valve by using a pressure of the working fluid. The control unit can control  
10 the opening and closing of the injector by determining the opening times based on a generated voltage.

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